

**Amendments to the Specification:**

Please replace the paragraph on page 5, lines 11-14, with the following replacement paragraph (this paragraph has previously been amended)

3. In the next step we need to run a set of trained profiles against the reference corpus. This run produces (via the delivery ratio mechanism used for each  $r_k$  for each profile) a set of vector space scores,  $x_k$ ,  $k=1, 2, \dots, n$  corresponding to the thresholds  $[[r_k]]$  for each profile in turn. (Step 430.)

Please replace the paragraph on page 11, lines 17-20, with the following replacement paragraph:

6. As an extra bonus, we end up with a rank-ordered list of tags. This can be used to limit the number of tags to a certain maximum (even if more tags manage to pass the threshold of  $\theta$   $[[\text{of } \tilde{y}]]$ ) of most relevant tags. It can also be used to assign several highest scoring tags to documents that did not score above  $\theta$  for  $[[\tilde{y} \text{ for}]]$  any tags, as long as some tags scored above 0.